

NEWS

DUCTILE IRON PIPE SYSTEM

Information from the European Association for Ductile Iron Pipe Systems · EADIPS®



Editorial

Dear readers,
In this May 2011 issue of the Newsletter I report on how ductile iron pipes, fittings and valves have been used to install a transporting pipeline to meet the demand for water on a new industrial park. In another article, I tell you how the member companies of the FGR®/EADIPS® are now marking their products for the sewerage field with the CE mark. My final report is on WASSER BERLIN INTERNATIONAL 2011 and on the successful showing which the FGR®/EADIPS® and its member companies made at the fair. Have an enjoyable and stimulating read,
Sincerely yours,

Raimund Moisa



To meet some highly demanding requirements

“Erfurter Kreuz” industrial park in Arnstadt-Ichtershausen in Thuringia is being expanded and this called for a major upgrade of the capacity for supplying drinking water. The supply utility, Wasser-/Abwasserzweckverband Arnstadt, was unable to satisfy the calculated extra demand for water from its own wells and needed additional water from Thuringia’s long-distance water supply system. A new connecting pipeline some 7,500 m long had to be installed.

◆ The material selected for the pipes was ductile iron. The client opted for vonRoll *ducipur* DN 400, PN 16 ductile iron pipes. These pipes are lined with polyurethane (PUR) to EN 15655 and are suitable for transporting safely the soft and treated water from a dam. The manufacturer of the pipes also supplied ductile iron fittings and valves for the installation operation. A number of manufacturers of solar modules operate on the park and water of a constant quality is absolutely essential for them to be able to continue manufacturing their modules to consistently high quality standards. The invitation to tender therefore required all the tenderers to make provision for measures to prevent any non-allowable changes in pH during and after the commissioning of the pipeline.

CE marking of ductile iron products for the sewerage field

By applying the CE mark, the manufacturer confirms that a product complies with the European directives which apply specifically to the product or, in the case of a construction product, that it complies with a “harmonised” European standard and meets the “essential requirements” which are laid down in the standard.

◆ With the revision of EN 598 “Ductile iron pipes, fittings, accessories and their joints for sewerage applications” and with the publication of this harmonised standard in 2007/2008, the foundations were laid for

these products to be marked with the CE mark. The marking is done and the declaration of conformity is made under the construction products directive 89/106/EEC. By showing the CE mark, the manufacturer

confirms, on its own responsibility, that the features of its products which define their performance meet the requisite requirements. This does away with the complicated and costly business of providing this evidence in the form of national certificates. Since 1 April 2011, the members of the FGR®/EADIPS® have been marking their sewerage products with the CE mark.



FGR®/EADIPS® an active participant in WBI 2011

A wide range of activities in evidence at this year's WASSER BERLIN INTERNATIONAL 2011 fair.

◆ There were plenty of visitors to the exhibitors' stands at the fair, making them favourite meeting points for preparing the ground for new contacts and putting the life back into old relationships. The discussions naturally centred on the particular products on show on the stands. The stands of the member companies of the FGR®/EADIPS® were designed to show their products in the right light, as was the case on the much frequented Duktus stand and the no less attractive stand of vonRoll hydro

and that of the Düker company. After many years, the FGR®/EADIPS® itself was again present for the first time on a stand of its own and there were certainly no complaints about a lack of visitors to the stand.

Held in parallel with the fair were a number of congresses, forums and other events which focussed on water, the worldwide water industry and science and research and which got to grips with the problems facing water, the substance and nutrient material most vital of all to life.

There was a great flurry of congresses and similar events accompanying the fair: as well as the wat + WASSER BERLIN INTERNATIONAL Congress there was also the Russia Forum, the International NO DIG Conference, the Forum for the German States, the Construction Site Day and other events, most of them of an international nature, some of which saw FGR®/EADIPS® member companies participating. A forum organised by figawa (the Association of Gas and Water Industry Companies) gave selected exhibitors an opportunity to talk about their products and services, with a close focus on practical concerns, before a select small audience on the figawa stand. The FGR®/EADIPS® took advantage of this opportunity to give two talks. In one of these Dipl.-Ing. Raimund Moisa told his listeners about

the highly diversified possible applications of ductile iron pipe systems in trenchless installation and replacement techniques. His talk once again underlined how very well suited ductile iron pipe systems are to trenchless techniques. The second talk on ductile iron pipes was concerned with the generation of renewable energy and the use of ductile iron pipe systems in the construction and operation of hydroelectric power stations. Not only was Dr.-Ing. Jürgen Rammelsberg happy to reel off some impressive examples of outstanding technical feats in this field but he also pointed out the equally impressive number of projects which have been carried out in the Alpine countries and in Norway, involving pipelines with a total length of more than 770 km. As part of the current promotion of renewable energies, ductile iron pipe systems are making a notable contribution to the turn to such energies in Europe.

DATES FOR YOUR DIARY

25–26 May 2011

Convention and Trade Fair "Gas Water" 121th ÖVGW (Austrian Association for Gas and Water) Annual Convention, Vienna

22–24 September 2011

26th Federal Congress of the BWK (Association of Water Management, Waste Management and Land Improvement Engineers), Wernigerode, Harz district

26–27 September 2011

DWA (German Association for Water, Wastewater a. Waste) 2011 Federal Conference, Berlin

Imprint:

Issued by/copyright: Fachgemeinschaft Guss-Rohrsysteme (FGR®) e. V. · European Association for Ductile Iron Pipe Systems · EADIPS®
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Press date: 20 May 2011
Production: schneidermedia.de

